

Title (en)  
Strip steering

Title (de)  
Bandsteuerung

Title (fr)  
Commande de bande

Publication  
**EP 0903187 A3 20011017 (EN)**

Application  
**EP 98307363 A 19980911**

Priority  
AU PO928797 A 19970919

Abstract (en)  
[origin: EP0903187A2] Method and apparatus for steering a strip along a desired path. The strip 12 is fed along a guide table 13 by a pair of pinch rolls 50 which are of concave formation so as to grip the strip at two laterally spaced locations at the edges of the strip. A pair of fluid cylinder units 52 are independently operable to vary the pressures applied by the rolls at the two gripping locations to steer the strips. The position of the strip is monitored in the vicinity of the rolls 50 by a strip position sensor 51. Steering of the strip is controlled by a control signal derived from the output of sensor 51. The control signal is the sum of three factors the first of which is a measure of the instantaneous lateral traversing velocity of the strip and the third of which is an integration of instantaneous values of the lateral position of the strip over a preceding time interval. <IMAGE>

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IPC 8 full level  
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